Case Study – 8
(50 points)

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Submission: Save this Word document with your answers as a PDF file and upload the PDF file to Canvas.

(40 pts) Create 4 UI Mockups/Wireframes for the EVCSS Project <u>with data validation constraints</u> indicated. These **must** be more than simple logon screens! You can use one of the diagramming tools identified on the "External Tools Page" in Canvas or one of your own choosing.
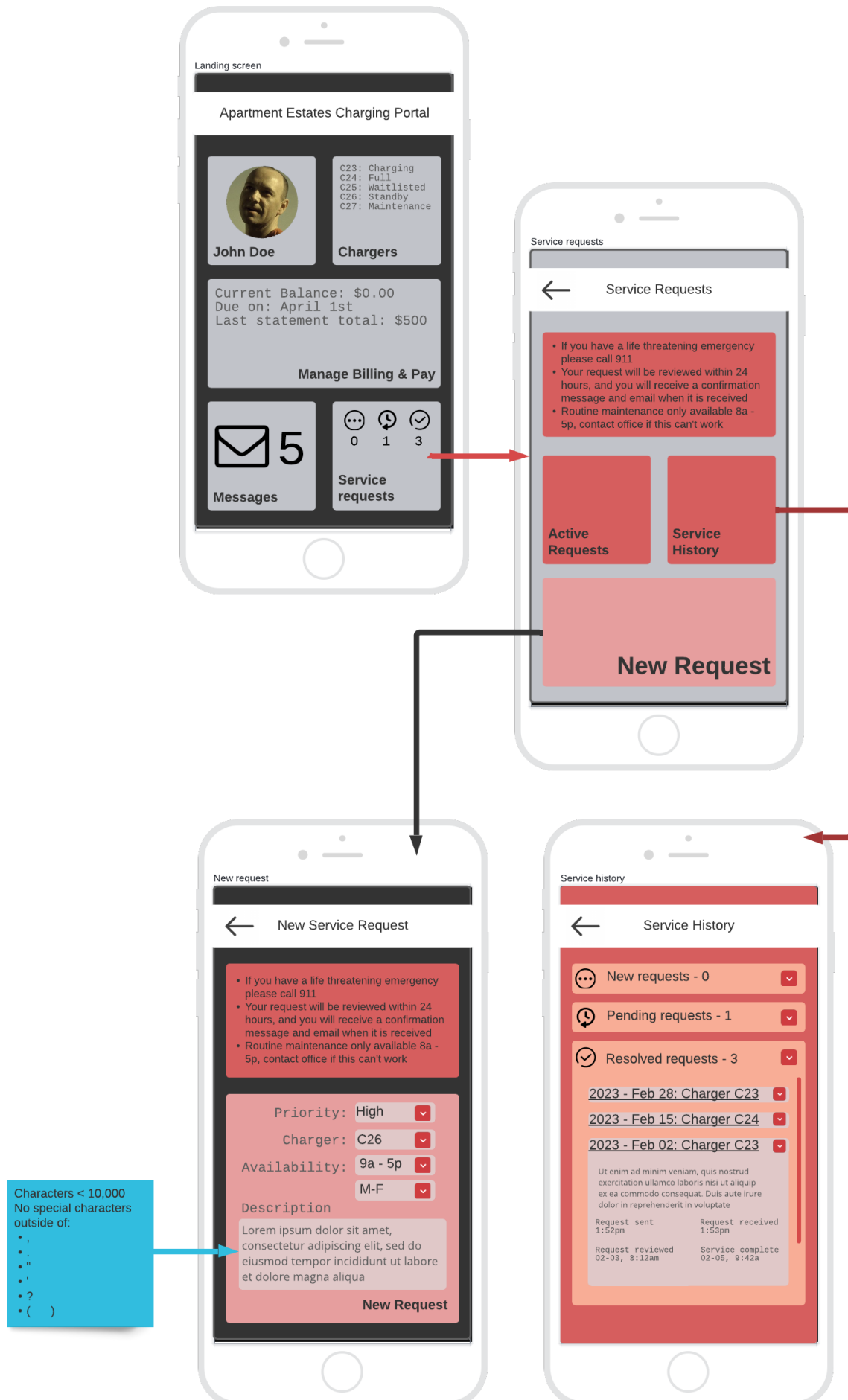
(10 pts) Create 2 report mockups for the EVCSS Project related to profitability, keeping in mind the guidance in Fig 8.14. Use one of the diagramming tools identified on the "External Tools Page" in Canvas. The client and the management users will be closely monitoring to financial performance of the system.

Charging Output and Earnings
Week Ending 2023-03-19

Unit	Tenant First Name Tenant Last Name	Charger	Hours charged	kWh used	Aggregate Energy cost	Revenue
5	Dylan Mumm	C1	10	66	$9.90	$19.80
		C2	8	52.8	$7.92	$15.84
13	Carol Danzig	C3	12	79.2	$11.88	$23.76
65	Danny Burger	C4	6	39.6	$5.94	$11.88
45	John Nathan	C5	9	59.4	$8.91	$17.82
		Total	45	297	$44.55	$89.10

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Charging Events for Unit 5, Dylan Mumm
Week Ending 2023-03-19

Charger	Date	Time	Hours charged	kWh used	Aggregate Energy cost	Revenue
C1	3.14	18:30	3	19.8	$2.97	$5.94
C1	3.15	18:42	4	26.4	$3.96	$7.92
C1	3.17	18:32	3	19.8	$2.97	$5.94
C1 Total:			10	66	$9.90	$19.90

Charger	Date	Time	Hours charged	kWh used	Aggregate Energy cost	Revenue
C2	3.13	17:20	6	39.6	$5.94	$11.88
C2	3.15	17:25	1	6.6	$0.99	$1.98
C2	3.18	17:30	1	6.6	$0.99	$1.98
C2 Total:			8	52.8	$7.92	$15.84

Unit 5, Dylan Mumm Total:	18	118.8	$17.82	$35.64

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